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 --11. (amended) Roof element (50, 80) according to Claim 7, characterized in that the angle (θ) of the roof surfaces is between 30° and 75° , preferably between 45° and 75° .--

A3 cont. JSG
 --12. (amended) Roof element (50, 80) according to Claim 7, characterized in that the roof element consists of one piece and is made from transparent plastic having a wall thickness of between 0.5mm and 5mm, preferably between 0.5mm and 2mm.--

--13. (amended) Roof element (76, 77) according to Claim 7, characterized in that the roof element is provided with ~~coupling means (78, 79) for joining to a similar roof element.~~

14 13, 14 Hughes Sec 18 "K1"

REMARKS

Claims 1-13 are pending in the present application.

Entry of the above amendments is earnestly solicited.
 An early and favorable first action on the merits is earnestly requested.

Should there be any matters that need to be resolved in the present application, the Examiner is respectfully requested to contact the undersigned at the telephone number listed below.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "VERSION WITH MARKINGS TO SHOW CHANGES MADE."

The Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any

overpayment to Deposit Account No. 25-0120 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17.

Respectfully submitted,

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Attachments

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ABSTRACT OF THE DISCLOSURE

A' Greenhouse (1) provided with a roof element (2) having a multiplicity of transverse ribs (12, 13, 14, 15) or pyramids uniformly distributed over the roof element. The roof element can be constructed double-walled as a hollow-core sheet from transparent plastic and can comprise a base sheet with the rib-shaped or pyramid-shaped roof surfaces fixed thereon. The light yield in a horticultural greenhouse can be increased by the roof elements.

VERSION WITH MARKINGS TO SHOW CHANGES MADE**IN THE CLAIMS:**

The claims have been amended as follows:

--4. (amended) Greenhouse (1, 28) according to ~~one of~~
~~the preceding claims,~~ claim 1, characterised in that the roof
surfaces (52, 53, 54, 55) are of doubled-wall construction, having
a base sheet (51, 73, 74) and transverse links (58, 59, 75, 76,
77) between the points of the apexes and/or the base edges (60,
61, 62, 63, 78, 79) of the roof surfaces and the base sheet.--

--5. (amended) Greenhouse (1, 28) according to Claim 3 ~~or~~
4, characterised in that a distance (d_2 , d_3 , d_4) between the base
edges (18, 19, 20, 21, 78, 79) of the pairs of second roof
surfaces (12, 13, 14, 15, 71, 72) is between 0.5 and 0.001 times
the distance (d_1) between the base edges (11, 11', 11'') of the
pairs of first roof surfaces (5, 6, 7, 8).--

--6. (amended) Greenhouse (1, 28) according to Claim 3, 4
~~or 5~~, characterized in that a perpendicular distance (h_2 , h_5)
between the edge at the apex (16, 17, 27, 28) and the base edges
(18, 19, 20, 21, 60, 61, 62, 63) of the pairs of second roof
surfaces is between 0.5 and 0.001 times the perpendicular
distance between the edge at the apex (9, 10) and the base edges
(11, 11', 11'') of the pairs of the first roof surfaces (5, 6, 7,
8).--

--9. (amended) Roof element (50, 80) according to Claim 7
~~or 8~~, characterized in that a distance between the base sheet

(51, 81) and the apex (56, 57, 90) is between 1cm and 10cm, preferably between 1.5cm and 3cm.--

--10. (amended) Roof between (50, 80) according to Claim 7, ~~8 or 9~~, characterized in that the distance (d_3 , d_4) between the base edges is between 1cm and 10cm, preferably between 1.5cm and 3cm.--

--11. (amended) Roof element (50, 80) according to Claim 7, ~~8 or 9~~, characterized in that the angle (θ) of the roof surfaces is between 30° and 75° , preferably between 45° and 75° .--

--12. (amended) Roof element (50, 80) according to ~~one of Claims 7 to 11~~, Claim 7, characterized in that the roof element consists of one piece and is made from transparent plastic having a wall thickness of between 0.5mm and 5mm, preferably between 0.5mm and 2mm.--

--13. (amended) Roof element (76, 77) according to ~~one of Claims 7 to 12~~, Claim 7, characterized in that the roof element is provided with coupling means (78, 79) for joining to a similar roof element.--